	Application No.	Applicant(s)
Notice of Allowability	09/631,126	FUJIMOTO, MAKOTO
	Examiner	Art Unit
	Heather D Gibbs	2622
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication IGHTS. This application is subject to	plication. If not included a will be mailed in due course. THIS
1. This communication is responsive to <u>04/19/2004</u> .		
2. X The allowed claim(s) is/are 4-6,10-22,29-30,47,49-64.		
3. The drawings filed on <u>02 August 2000</u> are accepted by the Examiner.		
4.		
Attachment(s) 1. Notice of References Cited (PTO-892) 2. Notice of Draftperson's Patent Drawing Review (PTO-948) 3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. Interview Summary Paper No./Mail Da 08), 7. Examiner's Amenda	te
		WARD COLES BY PROBINE EXAMINER

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DETAILED ACTION

Response to Amendment

1. The amendment filed on 04/19/2004 has been entered and made of record. Claims have been renumbered 1-35.

Allowable Subject Matter

- 2. Claims 1-35 are allowed.
- 3. The following is an examiner's statement of reasons for allowance: Claims 1-35 are allowable over the prior art made of record because the Examiner found neither prior art cited in its entirety, nor based on the prior art, found any motivation to combine any of the said prior art which teaches Claim 17 (currently amended): A light-scanning optical apparatus comprising: an optical deflector; an incidence optical system adapted to cause a light beam emitted from a light source to strike a deflection plane of said optical detector with a predetermined angle in a sub-scanning section; and a focusing optical system for focusing the light beam reflected by the deflection plane of the optical deflector on a surface to be scanned, wherein said focusing optical system includes an first optical system having a spherical lens and a first cylindrical lens showing power in the main-scanning direction and a second optical system showing power in the sub-scanning direction, wherein said focusing optical system satisfies the requirements of conditional formulas (1) and (2) |(N1 1)/R2 * F| < 0.15 (1) and |(N2 1)/R3 * F| < 0.15; (2) and wherein F is the focal length of the first

optical system in the main-scanning direction, 1t2 is the radius of curvature of the surface of the spherical lens facing the surface to be scanned, 11.3 is the radius of curvature of the surface of the first cylindrical lens facing the optical deflector as viewed in the main-scanning direction, N1 is the refractive index of the material of the spherical lens at the operating wavelength, and N2 is the refractive index of the material of the first cylindrical lens at the operating wavelength, respectively, as set forth in Claims 1, 17,30,33 including all of the features recited therein.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Heather D Gibbs whose telephone number is 703-306-4152. The examiner can normally be reached on M-F 8AM-4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on 703-305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Heather D Gibbs

Examiner Art Unit 2622

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